

1 **ABSTRACT**

2 Improved methods and arrangements are provided in which a web server or
3 like process includes a kernel-mode universal listener (UL) capability that utilizes
4 the URL associated with an HTTP request to determine which user-mode worker
5 process/application is to handle the request and route the request to the targeted
6 worker process/application. Thus, for example, one implementation includes a
7 kernel-mode HTTP listener that is selectively configured via a Web admin service
8 (WAS) based a configuration store. The resulting configuration file in the kernel-
9 mode UL process defines a plurality of configuration groups and application
10 pools, etc. The Configuration groups include certain URL's, which have
11 configurable properties applied to them. The configurable properties define which
12 user-mode worker process is to handle HTTP requests. For example, application
13 pools can be provided, which identify a worker process or processes that the
14 HTTP requests are routed to. In certain implementations, an HTTP request
15 queuing capability is also provided. The request queue provides time for worker
16 processes/applications to start or get ready.

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